

Gloves / Composite insulating gloves

3 in 1

Protection:
Electrical
Mechanical
Arc-flash

30202 SGM

Composite insulating gloves provide electrical, mechanical, and arc-flash protection; therefore, it is not necessary to use them in combination with a separate mechanical protective over-glove. The Composite glove range is made using a natural latex base coated with an outer layer of polychloroprene, combining mechanical resistance and comfort with a high level of electrical protection.

Arc-flash protection: the glove is manufactured from a material that provides a high level of protection against arc flash.


IEC 60903 | IEC 61482-1-2
ASTM F2675/F2675M:23


Red external finish with beige internal finish.

Code	Ref.	Class	Thickness (mm)		Working voltage (V) max.	Proof test voltage (V) max.	Size	Length (mm)	Category
			max.	medium					
531110	SGM-25 T9	00	< 2.4	1.5	500 V AC	2.500 V AC	7*	360	RC
531120	SGM-25 T10						8*		
531150	SGM-50 T9	0	< 2.9	1.6	1.000 V AC	5.000 V AC	9		
531160	SGM-50 T10						10		
531190	SGM-10 T9	1	< 3.4	1.8	7.500 V AC	10.000 V AC	11		
531200	SGM-10 T10						12*		
531230	SGM-20 T9	2	< 3.9	2.5	17.000 V AC	20.000 V AC			
531240	SGM-20 T10								
531270	SGM-30 T9	3	< 4.2	3.1	26.500 V AC	30.000 V AC			
531280	SGM-30 T10								
531310	SGM-40 T10	4	< 4.8	3.8	36.000 V AC	40.000 V AC			
531320	SGM-40 T11								

Meaning of letters in 'Categories': A: Acid / Z: Ozone / H: Oil / C: Very low temperature / R: A+Z+H resistance.

*For sizes 7, 8 and 12 consult.

MECHANICAL AND THERMAL REQUIREMENTS

- Average tensile strength: ≥ 16 MPa
- Average elongation at break: $\geq 600\%$
- Tension set: $\leq 15\%$
- Complementary tests and performance levels to be achieved:**
 - Cutting resistance: > 20 mm and 5 N, according to ISO 13997. (equivalent to level 2 according to EN 388)
 - Abrasion resistance: ≥ 0.05 mg/t
 - Tear resistance: > 25 N (equivalent to level 2 according to EN 388)
 - Puncture resistance: > 60 N (equivalent to level 2 according to EN 388)
 - Resistance to very low temperatures:
Gloves conditioned for 24 hours at -40 °C \pm 3 °C
 - Flame-retardant test:
Application of a flame for 10 seconds to the fingertip.

Available in sizes:

7 8 9 10 11 12



Recommended size

Circumference in cm
Measured with the hand closed.

9 10 11
21 24 26